

v.618

V

1. *Cognellia macrocarpa* (Nutt.) M. E. Jones
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
15. *Salvia carnosa*, Thunb. (*Ambrosiella argentea* R. Br.)
Sphaerostigma tortum (Lindl.) G. Nels. = ^{greenish} _{red} ^{thin} _{thick} ^{var. minor} _{var. typica, muc.}
- 16.
- 17.
- 18.
19. *Leucocrinum montanum* Nutt.
- 20.

34

Rhynocarpus cernuus, Hook.

= *T. trichocarous*, Rydb.

35

Montia depressa, A. Gray.

37

Casswellia platyphylla, C. & R.

40

42. Immature. Possibly *allocarya scopulorum*, Gilleps.

- 50 Phlox sp.
51 *Saxifraga columbeana*, Payer
53. *Arabis* sp.

60

62 *Polemonium micranthum*, Benth.

64 *Tissa rubra* (L.) Britton

72 *Mertensia campanulata*, A. Nels.

74 *Lathyrus utahensis*, M. E. Jones.
75 *Arabis oxophila*, Rydb.

80 *Phlox albovaginata*, M. E. Jones.

- 87 *Senecio pusillus*, Nutt.
- 89 *Phlox douglasii*, Hook.
- 91 *Poa longiligula*, Scribn. & Will.

- 163 *Oenothera strigosa* (Rydb.) Mack & Bush.
104 *Chenopodium hybridum*, L.
- 107 *Clarkia pulchella*, Pursh.
108 *Gayophytum diffusum*, T. & G., var. type ^{me}.
109 *Rumex acetosella*, L.
110 *Heuchera tenuifolia* (Whelock) Rydb. (?)
- 114 *Dracocarpus nuttallii*, Britton.
~~Agastache anticipata~~ (Benth.) Rydb.
115 *Sentellaria angustifolia*, Pursh.
- 117 *Galium watsonii* (A. Gray) Helle
118 *Isotabeles neglecta* (Tow.) A. Gray ^{immature}
- 120

- 121 *Chenopodium botrys*, L.
- 122 *Psilocarphus elatior*, A. Gray.
- 123
- 124 *Hieracium latifolii*, Brittian.
- 125 *Rhodocyanus niger*, L.
- 126
- 127 *Scirpus* sp.
- 128
- 129
- 130
- 131 We collected this at Lowell Butte, near Caldwell,
Nemophila pedunculata, L. in 1936
- 132
- 133
- 134
- 135
- 136
- 137 *Syriphorus ramosus rotundifolius*, A. Nels.
- 138 *Frasera montana*, M. F. (or *montanum* (moll.) Rydb.)
- 139
- 140

- 144 *Castilleja* sp. *Appalachian* T. persimilis
145 *Thlaspi glaucum*, A. Nels. a secund., Rydb.
- 149 *Thlaspi montanum* ^{clock} ~~spicatum~~ ^{rigid fruit}
150 *Asperula ciliolata* (Gmel.) Et G. et G. ^{stems}
Heterocodon nudus (L.) F. M.
151 *Clethra borealis* (L.) F. M.
152 ~~*Stellaria*~~ *S. vitulensis*, (L.) G.
153 *Montia serfoliata* (Lam.) Howell
154 .. *Eriogonum pycnos*, Greene.
151 ^[*R. tiliifolia* scalar Hook. Nutt.]
Blepharipappus scalar, Hook.
160

- (A. stizomata, A. Mels)
- 163 *Asteromia gnaphalodes*, Nutt.
- 164 *Lotus tenuis*, Waldst. & Kit
- 169 *Eriogonum caespitosum*, Nutt. (?)
- 170 *Cryptogramma ambigua*, Greene.
- 171 *Eriogonum fasciculifolium*, A. Mels.
- 175 *Castilleja lutea*, Heller.
- 178 *Calochortus europaeus*, S. Wats.
- 180 *Orthocarpus*

185 *Loronia utahensis*, S. Wats.

188 *Polygonatum*, Nutt.

190 *Rhamnus alnifolia*, L'Her.

192 *Polemonium pulcherrimum*, H.

203 Encopisphyllum canatum (L.) R. Br.

204

208 Leiathea a. revoluta (Presl) Rydb.

212 Chrysanthemum leucanthemum (L.) Rydb.
[Leucanthemum leucanthemum (L.) Rydb.]

218 Kallstroemia cristata (L.) Pers.

220

- 222 *Plantago lanceolata*, L.
linnata
223 *Campanula persicifolia*, A. Gray (?)
224 *Eryngium macroanthum*, Blatt.
- 221 *Veronicastrum laetitiae*, Regel.
Linaria vulgaris, Willd. (L. linaria (L.) Cavell.)
231 *Medicago lupulina*, L.
- 235 *Bilderdijkia convolvulus* (L.) DC.
Polygonum convolvulus, L.
236 *Specularia perfoliata* (L.) A. DC.
240

241. *Adiantum pedatum*, L.

246 *Linnæa* variolis americanus (Forbes) Rehder
Linnæa americana, Forbes

250 *Fascicaria angulata* (L.)

251 *Fascicaria angulata* (L.)

254 *Dryopteris spinulosa*, H. B. K.

255 *Chamaea pusilla*, DC.

260

- 263 [Chamaeperichymnum unalascense Ledeb.] Rydb.
~~Cor~~ *Coronilla canadensis*, L.
- 266 *Cleintonia umbra* (Schult.) Kuntze
- 270 *Nicandra grisealis* (Berg.) Griseb.
- 272 *Thlaspi integrifolium*
- 273 *Leptophyllum glabratum*, Schult.
- 274 *Poa ciliata* Willd. plena Griseb.
- 278-37 *Forsythia fastigiata* (Lamk.) Benth.
- 275 *Convolvulus hastatus* (Nees) [Cuspidate] *hostatus*, Benth.
- 277 *Asarum canadense*, Linn.
- 278 *Hippocratea unaginoides*, Stevns Schult.
- 278-31 *Cryptanthemum grandiflorum*, Nees
- 280

- 281 *Aconia amplexicadis*, Nutt.
- 283 *Aconia marginata*, Hook.
- 286 *Zygadenus venenosus*, S. Wats.
- 291 *Lomelia glaucescens*, Rydb.
- 292 *Pentstemon confertus*, Dougl.
- 294 *Lilium columbianum*, Hassk.
295. *Senecio ~~canus~~*^{canus}, Hook.
- 296 *Trifolium hybridum*, L.
- 297 *Trifolium repens*, L.
- 299 *Comarum palustre*, L.
300

306 *Antennaria anaphloides*, Rydb.

309 *Delphinium bicolor*, Nutt.

312 *Calochortus apiculatus*, Baker.

313 *Maumbertia thysiflora* (L.) Duby

317. *Ceratogalus tenellus*, Pursh.

- 321 *Hymenodrys richardsonii* (Hook) Rockwood.
= *Actinea richardsonii* (Hook) Kuntze
- 322 *Astragalus bisulcatus* (Hook) Gray.
- 324 *Eriogonum piperi*, Greene.
- 330 *Alesina Plantago-aquatica*, L.
- 351 *Lysimachia greenii*, A. Nels.
- 340 *Crinum filiformis* (Hook.) Neott

342

Antennaria lezuloides, V. & G.

No. 354

Cryptantha torreyana (Gray) Greene. variety
geminata, Johnson, form calycosa, Johnson





843	782
840	781
839	741
841	783
842	776
763	777
828	744
764	807
765	725
766	772
681	706
680	707
679	846
687	890
677	889
675	845
812	814
813	662
720	886
773	661

887	719
704	771
709	814
750	815
859 ✓	703 ✓
750	594
683	609
684	647
761	478
686	610
685	614
691	615
690	888
732	660
740	682
739	620
737	664
736	634
735	635
734	628

452

674

414

437

833

817

826

818

664

819

663

71

802

877

678

876

778-C.

778-A

121

731

8

792

825

..

778-B

838



A. fremontii - Mead
4 miles S. Mead, broken
in a gully

A. proteus, small

III III III III III III III III

12 families ~~|||||~~~~||~~

750 : 12 ~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~

758 families
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
19 var. ~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~

Duplicates

276 share

~~|||||~~~~||~~

~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~
~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~~~|||||~~~~||~~

total through
station = 30 km.
133 species
29 families
21 genera

18 families ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||~~ 118

58 ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~
~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||~~ ~~|||~~ ~~|||~~ ~~|||~~ ~~|||~~ ~~|||~~

Species ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~
117 ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~
~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~

2 Mar. 11

11 *Dasyproctus* ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||~~
42 ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||||~~ ~~|||~~ ~~|||~~
~~7.~~
~~119~~
~~101~~

 $\frac{166}{437 \text{ mice}}$ $\frac{117}{294}$

11

HH HH LHH HHH
HH HH HHH HHH

Acc 20 families,
77 genera, 131
species, 9
varieties, 75
subspecies
on 215 mounts

P. amabilis III III LII LII

General ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
Species ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~ ~~4~~
^a Vanuatu ~~4~~ ~~4~~ ~~4~~ ~~4~~

Dysphagia 1111111111
111111111111111111
111111111111111111

Total Flora
Chamorroan

52 families
220 genera
444 species
72 varieties
681 sheets

Total

50 families

210 genera

423 species

30 varieties

652 stricto

11

4+4+

4+ 4+ 4+ 4+ 1

11

4+ 3+ 1

add 13 families

52 genera

110 species

Bl varieties

1 form

5 subs.

110

5

59

174

Total herbarium H-8-38

65 families

272 genera

554 species

36 varieties

1 form

855 sheets.

||||| |||

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1 - 2000.

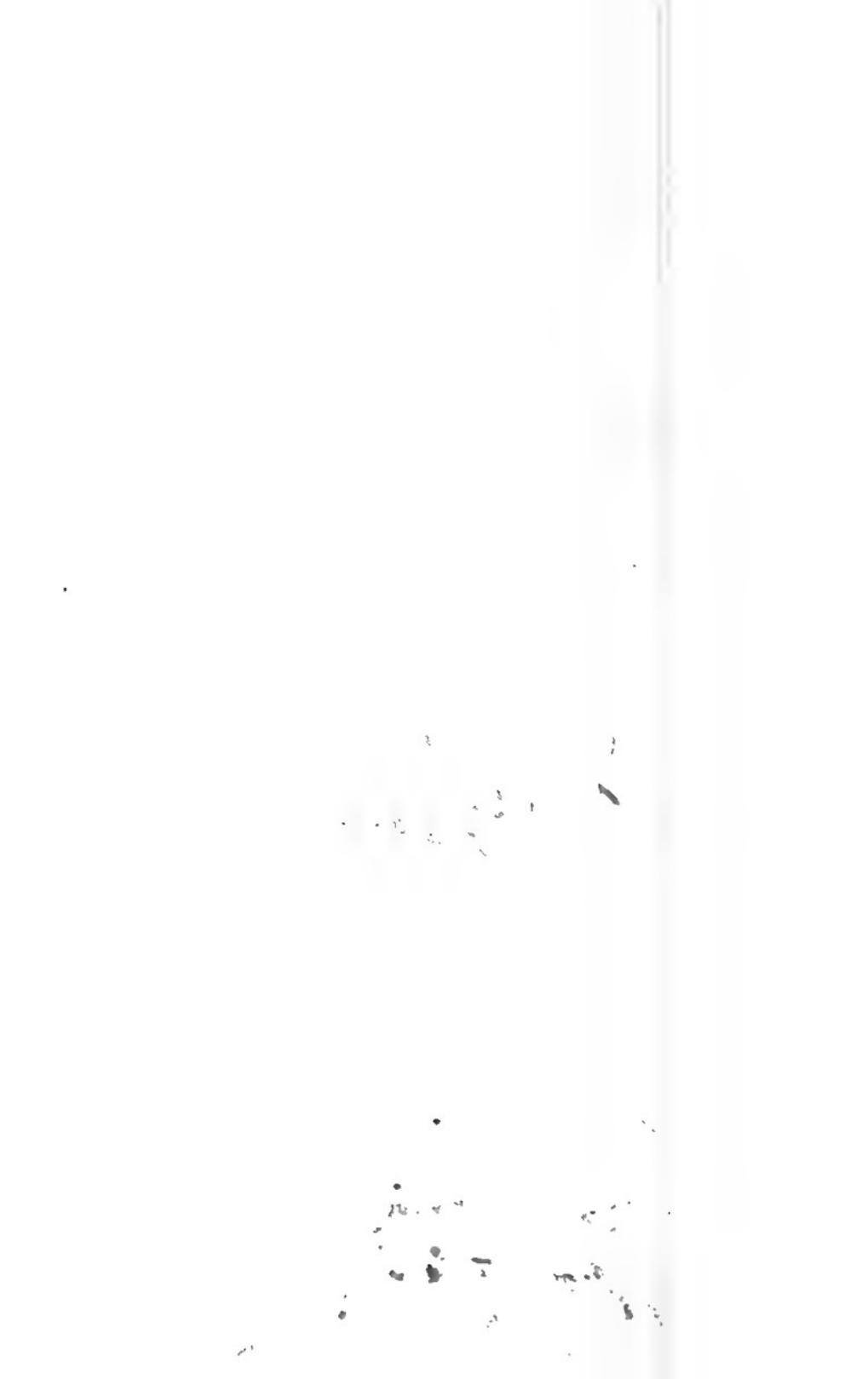
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||||| ||| ||| ||| |||



a Distilled ~~water~~
was at about
soap
of flms
Cotton
Special
inches
travel
per



Erythronium?
Colchicum

Allium

Glabrenia
Salix

Populus

Betula?

Celtis

Urtica

Eryngium

Rosa et

Polygonum

Crocosmia

Atriplex

Chenopodiaceae

salsola

abrania

Saponaria,

Claytonia.

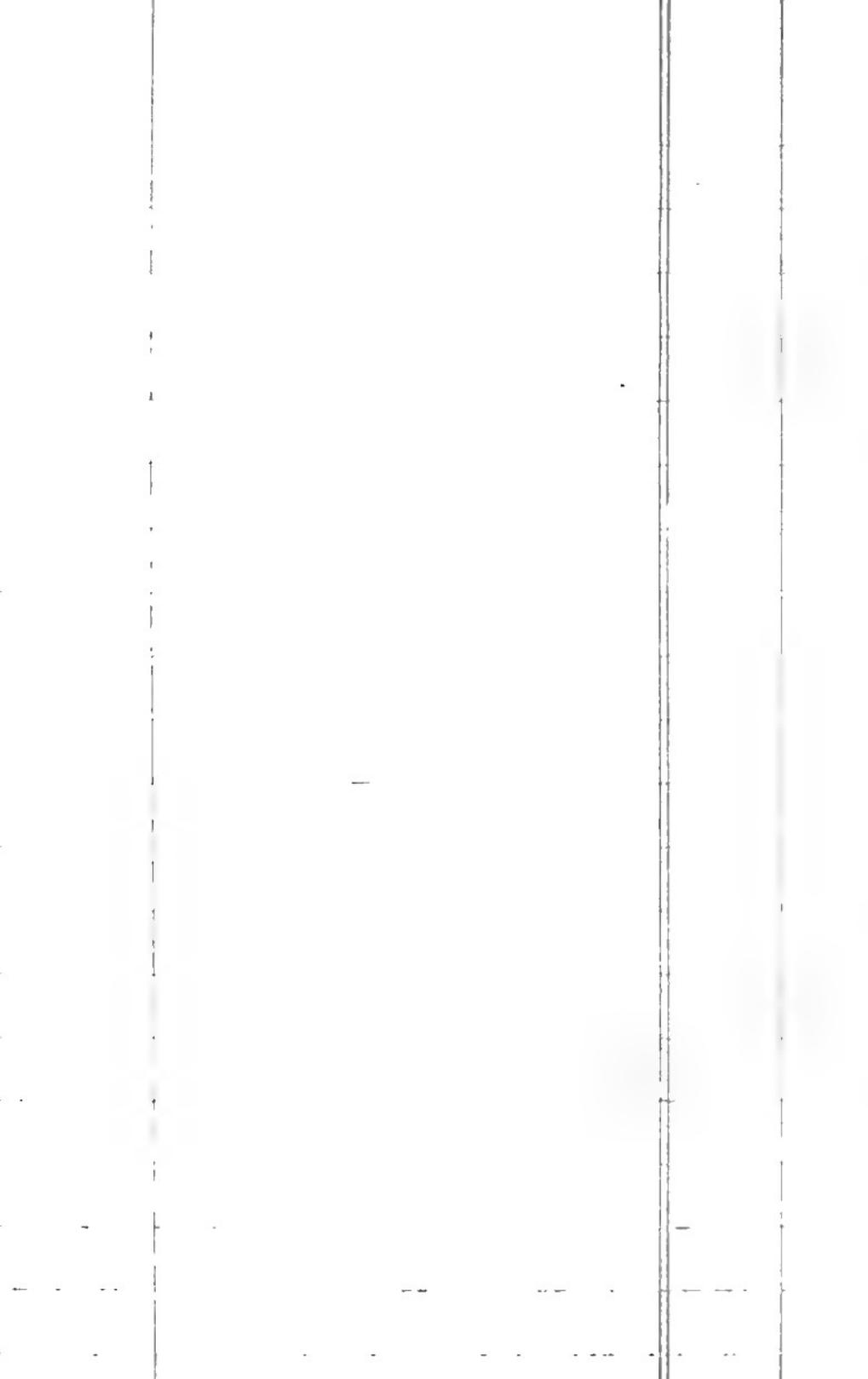
Omphalium

Ranunculus
Clematis
Berberis
Corydalis
Lespedeza
Viola
Cyclamen
Lysimachia
Corynephorum
Saxifrage
Camassia
Ledum
Rites
Tilia
Rosa
Potentilla
Luzina
Hedysarum
Gentianales
Saxifraga?

Gersonia
Acer
Milca
Sphagnum
Lila
Oreasteria
de Tha.
Cypripedium
Pterogilia
Leptilonia
Festuca
Carica
Cornus
Pipola
Cedretum
Frasera
arctopus
Phlox
Gilia
Polémonium

Hydrophyllum
Phacelia
Hackelia
Corydalis
Meltonia
~~or~~ *Veronica*
Monarda
Gilia
Orthocarpus
~~Centaurium~~
Urtica dioica
Lamium
Polygonum

After all my weary life,
At last I've found
you - And at last I
know the meaning
of it all - At the
beginning; waiting,
the beginning;
Joy and sadness
that half I fear; and
I have given birth to
what I may feel
and I live alone that
it may be; tis the
answer. Tis absurd,
and all I'm doing
for it is love that
rules the world
forever.



A. modestus

A. campestris

A. junceum

A. commutatus

A. longifolius

A. hindleyanus

A. laevis = - - -

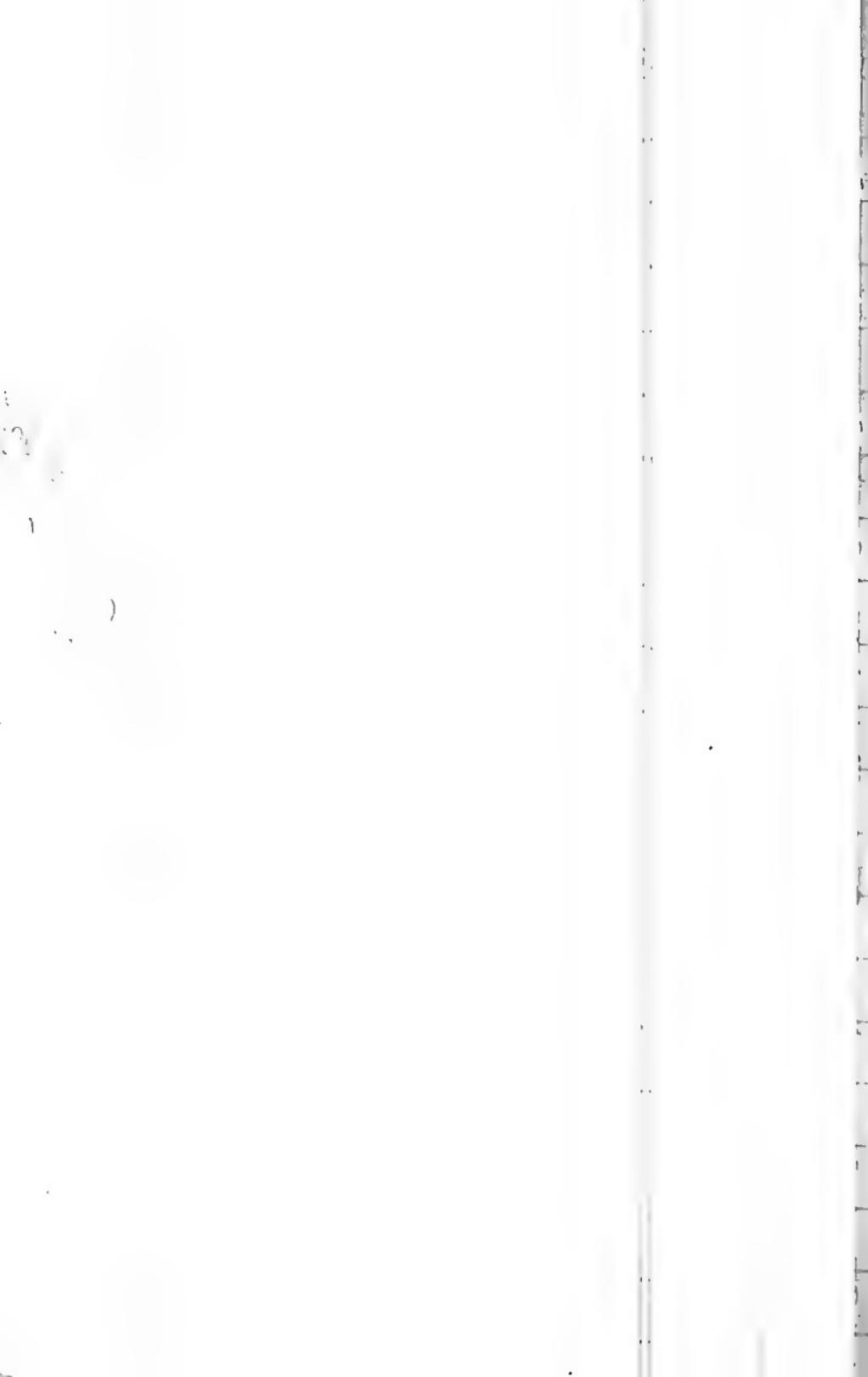
? *Porteri*

A. integrifolius

A. albovittata

? *oblongifolia*

? *oblongifolius*



11
3
14 15

Wednesday - June 8 -	5
Friday June 10 -	6
Saturday June 11 -	4
Monday June 13 -	4
Tuesday June 14 -	3
Wednesday June 15	8
Thursday June 16	8
Saturday June 25 -	4
Monday - June 27	5
Thursday - June 30	3
	<hr/>
	50



147. *Gasterosteus*
- *aculeatus*

147. *Gasterosteus*
- *aculeatus* ~~sp.~~

- *Gasterosteus*
- *aculeatus*

19 *O foliosa*

7 *O wallis*

37 *O wallis*



25 Alofokai

11:15

25 Alofokai mondays

- # 4. Seeds mostly full - a little
buggy. *G. cordifolia* ~~20~~
in each
- # 6. Fairly good but somewhat
buggy. *G. longifolia*
- # 31. *G. diversifolia* not buggy.
some look ok. 20 in one pot
- # 32. *A. ac. a. folia* look good 15
buggy. only one pot
- # 35 *A. sonorae*? mostly look ok.
25 in one pot.
- # 25 *G. latifolia* not the best, but
not buggy. 2 - 2.5 each
- # 6. *G. latifolia* very buggy.
mostly hollow
- 1 in one pot.

#30. *A. mollis*. 25 in each of
2 pots. Fair size,
not very full.

#45. *A. chamissonis*.
Looks good; not buggy.
25 in each of two.

#46. *A. lessingii*
Looks good; not buggy.
25 in each of two.

36 25 planted in each of two
pots. Looks good
A. chamissonis

37. *A. mollis* 25 in two
~~the~~ clear; looks good.

9. *A. amplexicaulis*
looks pretty good and buggy
2 pr 25

- 38 O. montana
seed clean, looks good
25 for 2.
- 40 O. longipilis
seeds fair, not many
2 for 25
41. O. latifolia Leibstain,
no bugs, 2 for 25
- O. latifolia - looks
good, no bugs?
- O. sp. species of 1909? 50

Fig. 9. *O. nevadensis*, Sied
Wilson, collected Mar 7, 1917
and also collected
at same localities
Mar 16, 1917. 2♂, 2♂, 2♂
Sedentary, *Oreocarenum*.

1. 18 m. / day 100% water
Clean - 1 day 25

2. 100% water
100% salt water
100% fresh water

3. 100% water

100% salt water

100% fresh water

4. 100% water

100% salt water

100% fresh water

5. 100% water

100% salt water

6. 100% water

100% salt water

7. 100% water

100% salt water

8. 100% water

100% salt water

9. 100% water

100% salt water

December 28 - 1931 $8\frac{1}{2}$ hours.
" 11 "
" 12 "
" 11 "
" 5 $\frac{1}{2}$



